ENGINEERING CHANGE NOTICE DART AEROSPACE LTD

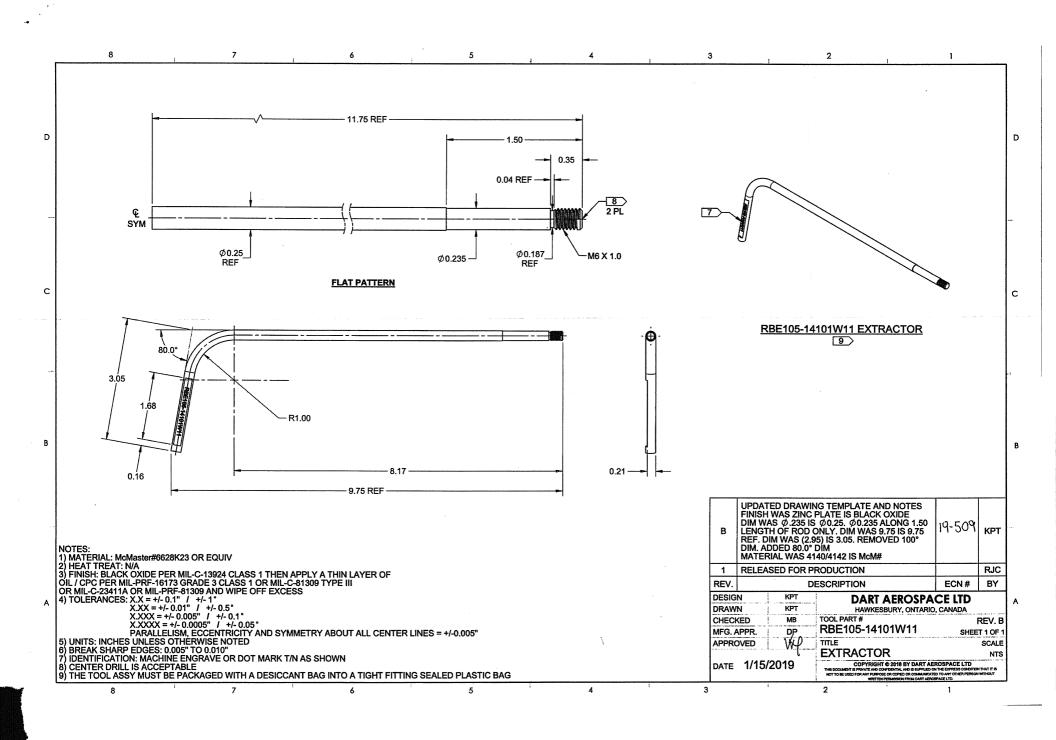
S073/4 18-11-19

Date: 10.04.45			Las V		17175					
Date: 19.01.15 Job No.:	ADR Yes/No: No	ADR Date: NA	ECN#: 19- 509							
Product No.: DART TOOLING EUROCOPTER		Approved By: Indee	1// 10 000							
Product Name:	Checked By:		/							
Reason for Change:			_							
MATERIAL CHANGED										
INATERIAL CHANGED										
Documents Released:										
RBE105-14101W11 REV B										

IF APPLICABLE: NCR: PAR:		CAR:	CIR:		URF:					
		•								
PAPERWORK UPDATE PARTS	MUST	COMPL	Y PRE	VIOUS PARTS SATISF	ACTORY X					
# Ourth. Assurance / Ourthman Support Astions	T = :	I								
# Quality Assurance / Customer Support Actions	Reqd	Resp		lotes	Complete					
1 Notify Previous Customers	N									
2 Notify Airbus	N			Management of the second of th						
3 Notify Leonardo	N.									
4 Manufacturing Licensing Agreement Update	N			a transmission of the second s	entropy of the control of the control of the					
individual curing Electronic Agreement operate		L								
# Engineering Actions	Regd	Resp		lotes	Complete					
5 Required Documents/Drawings/Item ID's Under Review (URF)	N				Complete					
6 Update Master Document List (MDL)	N									
7 Update Document Record (DR)	N									
8 Update Product Compatability Matrix	N									
9 Notify TC / FAA of Change (eg. ICA, 8110-3)	N									
10	N									
	- '` -	<u> </u>								
# Document Control Actions	Reqd	Resp	<u> </u>	lotes	.Somplete					
11 Move / Update Electronic Files / Design Journal	Υ	MD			WY 19.01.15					
12 Update Product Specification Files (Bluefiles)	N			,						
13 Update Approved/Preliminary Dwg PDF Files	Υ	MD		6	W. 19.01.15					
14 Update Product Development Summary (STC applications)	N				19-					
15 Update QSI 021 (TC/FAA STC) and/or STC Approval List	N				0					
16 Create/Update Parts / STC Database	YM.	mg	parts exist	(RBE+ Mcm#	MY. 19.01.15					
17 Update / Verify Authorized Release Certificate Database	N	,		`	A Committee of the Comm					
18 Create / Update Change Record Form / Item Card Database	N									
19 Create / Update Packaging Process Plan (PPP)	N									
20 Red Decals required on Packaging Process Plan (PPP)?	N									
21 Update Controlled Supplier Documents (Qpulse) Database	N									
22 Update Grey Project Binder / Electronic Project Folder	N									
23 Update D-Part / M-Drawing / DSI / DEO Master Binders	N									
24 Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N				•					
25										
Description / Action:				: (
				\ a	<i>(</i>					
STOCK CAN BE USE				1 and	010					
DELETE REV A				\bigcirc 0 $^{\circ}$						
,	1				19 / 1.10					
1, 1 1		10	×2-11/1		V					
[[X][) [X		/ /	() 441	/) v						
				/						
STOCK CAN BE USE DELETE REVA			4							
ECN Verified & Complete: Date:										

ENGINEERING CHANGE NOTICE DART AEROSPACE LTD

Date: 19.01.15 Job No: ARR Yes/No: N. ARR Date: J. J. J. S. 19. 509 PROJUL No: DART TOOLING EUROCOFTER Created By: J. J. J. ARR Yes/No: J. ARR TOOLING EUROCOFTER Created By: J. J. J. ARR Yes/No: J. ARR TOOLING EUROCOFTER Created By: J. J. J. J. S. J.				2						
Control Cont	Date:				ADR Yes/No:	No	ADR Date:	N/A.	ECK #.	10 500
Reation for Change: MTERIAL CHANGED Documents Released: RBE105-14101W11 REV B FAPPLICABLE: NCR: PAR: CAR: CIR: URF: PAPERWORK UPDATE PARTS MUST COMPLY PREVIOUS PARTS SATISFACTORY © Quality Assurance / Customer Support Actions Read Resp Notes Complete 1 Notely Previous Customers N N 1 Notes N N 2 Notely Assurance / Customer Support Actions N N 3 Notely Lecentro N N 4 Manufacturing Licensing Agreement Update N N 5 Required Documents (Developed Review (URF) N N 5 Required Documents (Developed Review (URF) N N 6 Update Baster Couron List (Note) 9 Engineering Actions Read Resp Notes Complete 1 Notel Product Complete (Rev. Rev. Rev. Rev. Rev. Resp Notes Complete 1 Notel Product Completability Martin 1 N N 1 Developed Rev. Rev. Rev. Rev. Resp Notes Rev. Rev. Rev. Rev. Rev. Rev. Rev. Rev.		DART TOOLING EUROCOPTER				VMC	Approved By:	meles	EVN #:	19- 509
Documents Released: RBET05-1410 W11 REV B	Product Name:				Checked By:	201			/	
Documents Released: RBET05-1410 W11 REV B	Posson for Change									
FAPPLICABLE: NCR: PAR: CAR: CIR: URF: PAPEWORK UPDATE										
FAPPLICABLE: NCR: PAR: CAR: CIR: URF: PAPEWORK UPDATE PAPERWORK UPDATE PARTS MUST COMPLY PREVIOUS PARTS SATISFACTORY X	WATERIAL CHARG	ED								
FAPPLICABLE: NCR: PAR: CAR: CIR: URF: PAPEWORK UPDATE PAPERWORK UPDATE PARTS MUST COMPLY PREVIOUS PARTS SATISFACTORY X										
FAPPLICABLE: NCR: PAR: CAR: URF: PAPERWORK UPDATE PAPERWORK UPDATE PARTS MUST COMPLY PREVIOUS PARTS SATISFACTORY	Documents Releas	ed:								
# Quality Assurance / Customer Support Actions Regd Resp Notes Complete # Augustive Assurance / Customer Support Actions Regd Resp Notes Complete Notify Previous Customers N N N N N N N N N N N N N N N N N N N	RBE105-14101W11	REV B		Philippin sandrak serva sera		1889 Salan Bakaran Bak				
# Quality Assurance / Customer Support Actions Regd Resp Notes Complete 1 Nolify Previous Customers N N	IF APPLICABLE	: NCR: PAR:		CAR:		CIR:			URF:	
1 Notify Previous Customers 2 Notify Previous Customers 3 Notify Lensardo 4 Manufacturing Licensing Agreement Update 5 Required Documents/Draving/filen (ID's Under Review (URF) 6 Update Master Document List (MDL) 7 Update Decument Record (DR) 8 Update Product Competability Matrix 8 Opdate Product Competability Matrix 9 Notify TC / FAA of Change (eg. ICA, 6110-3) N N 10 Document Control Actions 11 Move / Update Electronic Files / Design Journal 17 Move / Update Electronic Files / Design Journal 19 Update Product Specification Files (Blueflee) N N 10 Update Approved/Preliminary Dvg PDF Files 10 Update Approved/Preliminary Dvg PDF Files 11 Move / Update Parts / STC Jordabse N N 12 Update Parts / STC Jordabse N N 13 Update / Devolute Development Summary (STC applications) N N 14 Update Parts / STC Jordabse N N 15 Update / Postabe Parts / STC Jordabse N N 16 Create/ Update Parts / STC Jordabse N N 17 Update / Ordabse / Design PPP) N N 18 Create / Update Devolute Supplication or Process Plan (PPP) N N 19 Create / Update Parts / STC Jordabse N N 19 Create / Update Parts / STC Jordabse N N 19 Create / Update Devolute Supplication Process Plan (PPP) N D Red Decas required on Packaging Process Plan (PPP) N D Red Decas required on Packaging Process Plan (PPP) N D Red Decas required on Packaging Process Plan (PPP) N D Red Decas required on Packaging Process Plan (PPP) N D Red Decas required on Packaging Process Plan (PPP) N D Red Decas required on Packaging Process Plan (PPP) N D Red Decas required on Packaging Process Plan (PPP) N D Red Decas required Parts / STC Jordabse N D Red Decas required Parts / STC Jordabse N D Red Decas required Parts / STC Jordabse N D Red Decas required Parts / STC Jordabse N D Red Decas required Parts / STC Jordabse N D Red Decas required Parts / STC Jordabse Jordabse N D Red Decas required Parts / STC Jordabse Jordabse N D Red Decas required Parts / STC Jordabse Jordabse N D Red Decas required Parts / STC Jordabse Jordabse N D Red Decas required Parts / STC Jordabse Jordabse N D Red Decas req		lacemed	ARTS MUST	COMPL	Υ	PRE	VIOUS PAR	TS SATISF	ACTORY	х
Notify Airbus N N N N N N N N N				Resp		١	lotes		Co	mplete
3 Notify Leonardo 4 Manufacturing Licensing Agreement Update N N N N N N N N N N N N N N N N N N N		s Customers	N	<u> </u>						
# Engineering Actions Reqd Resp Notes Complete # Engineering Actions Reqd Resp Notes Complete Required Documents/Drawings/litem I/DS Under Review (URF) N N N N N N N N N N N N N N N N N N N	2 Notify Airbus		N							
Engineering Actions Read Resp Notes Complete Required Documents/Drawings/Item ID's Under Review (URF) N Update Document List (MDL) N Update Document List (MDL) N Update Document Record (DR) N Update Droduct Compatability Martix N N Document Control Actions Read Resp Notes Somplete ### Document Control Actions Read Resp Notes Somplete ### Document Control Actions Read Resp Notes Somplete ### Document Control Actions N ### Document Control Busines N ### Document Cont	3 Notify Leonard	do	N					-		
Seguired Documents/Drawings/flem ID's Under Review (URF) N	4 Manufacturing	Licensing Agreement Update	N N							
Seguired Documents/Drawings/flem ID's Under Review (URF) N										
6 Update Master Document List (MDL) 7 Update Document Record (DR) 8 Update Product Compatability Matrix N 10			The second secon	Resp			lotes		Co	mplete
Update Product Compatability Matrix N N N N N N N N N				├──					ļ	
8 Update Product Compatability Matrix 9 Notify TC / FAA of Change (eg. ICA, 8110-3) N N N N Document Control Actions Redd Resp Notes Somplete 11 Move / Update Electronic Files / Design Journal 12 Update Product Specification Files (Buellies) N 13 Update Approved/Preliminary Dwg PDF Files 14 Update Product Development Summary (STC applications) N 15 Update Product Development Summary (STC applications) N 16 Creater/Update Parts / STC Database N 17 Update / Verify Authorized Release Certificate Database N 18 Creater / Update Packaging Process Plan (PPP) N 19 Create / Update Packaging Process Plan (PPP) N 19 Create / Update Supplier Documents (Qpulse) Database N 19 Creater / Update Supplier Documents (Qpulse) Database N 19 Update Gontrolled Supplier Documents (Qpulse) Database N 19 Update Grant / McDrawing / DSI / DEC Master Binders N 10 Update Ontrolled Supplier Documents (Qpulse) Database N 10 Update Part / McDrawing / DSI / DEC Master Binders N 10 Update Royalty Paid to* attribute (Parts sold under Dart USA STC's) N 10 Update Royalty Paid to* attribute (Parts sold under Dart USA STC's) N 10 Description / Action:				 	<u> </u>					
Notify TC / FAA of Change (eg. ICA, 8110-3) N N				 						
# Document Control Actions Read Resp Notes Somplete # Move / Update Electronic Files / Design Journal Y MD # Document Control Actions Resp Notes Somplete # Move / Update Electronic Files / Design Journal Y MD # Document Control Resp Notes Specification Files (Buelfiles) N N # Document Control Resp Notes Product Development Summary (STC applications) N N # Document Control Resp Notes Product Development Summary (STC applications) N N # Document Control Resp Notes Product Development Summary (STC applications) N N # Document Control Responsibility N N N # Document Control Responsibility N N N N # Document Control Responsibility N N N N N N N N N N N N N N N N N N N				 						
11 Move / Update Electronic Files / Design Journal 12 Update Product Specification Files (Bluefiles) 13 Update Approved/Preliminary Dwg PDF Files 14 Update Product Development Summary (STC applications) 15 Update GSI 021 (TC/FAA STC) and/or STC Approval List 16 Create/Update Parts / STC Database 17 Update / Verify Authorized Release Certificate Database 18 Create / Update Packaging Process Plan (PPP) 19 Create / Update Packaging Process Plan (PPP)? 20 Red Decals required on Packaging Process Plan (PPP)? 21 Update Controlled Supplier Documents (Opulse) Database 22 Update Controlled Supplier Documents (Opulse) Database 23 Update Orant / M-Drawing / DSI / DEO Master Binders 24 Update Proyer Joec Binder / Electronic Project Folder 25 Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) 26 Description / Action: STOCK CAN BE USE DELETE REV A		3 \ 3								
11 Move / Update Electronic Files / Design Journal 12 Update Product Specification Files (Bluefiles) 13 Update Approved/Preliminary Dwg PDF Files 14 Update Product Development Summary (STC applications) 15 Update GSI 021 (TC/FAA STC) and/or STC Approval List 16 Create/Update Parts / STC Database 17 Update / Verify Authorized Release Certificate Database 18 Create / Update Packaging Process Plan (PPP) 19 Create / Update Packaging Process Plan (PPP)? 20 Red Decals required on Packaging Process Plan (PPP)? 21 Update Controlled Supplier Documents (Opulse) Database 22 Update Controlled Supplier Documents (Opulse) Database 23 Update Orant / M-Drawing / DSI / DEO Master Binders 24 Update Proyer Joec Binder / Electronic Project Folder 25 Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) 26 Description / Action: STOCK CAN BE USE DELETE REV A					7					
12 Update Product Specification Files (Bluefiles) 13 Update Approved/Preliminary Dug PDF Files 14 Update Product Development Summary (STC applications) 15 Update QSI 021 (TC/FAA STC) and/or STC Approval List 16 Create/Update Parts / STC Database 17 Update Parts / STC Database 18 Create / Update Parts / STC Database 19 Create / Update Packaging Process Plan (PPP) 19 Update Order Parts / STC Database 19 Create / Update Packaging Process Plan (PPP) 20 Red Decals required on Packaging Process Plan (PPP) 21 Update Controlled Supplier Documents (Qpulse) Database 22 Update Grey Project Binder / Electronic Project Folder 23 Update Or-Part / M-Drawing / DSI / DEO Master Binders 24 Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) 25 Description / Action: STOCK CAN BE USE STOCK CAN BE USE STOCK CAN BE USE							lotes	·	60	
13 Update Approved/Preliminary Dwg PDF Files 14 Update Product Development Summary (STC applications) 15 Update CSD (21 (TC/AA STC) and/or STC Approval List 16 Create/Update Parts / STC Database 17 Update / Verify Authorized Release Certificate Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update Packaging Process Plan (PPP) 10 Red Decals required on Packaging Process Plan (PPP) 11 Update Controlled Supplier Documents (Opulse) Database 12 Update Grey Project Binder / Electronic Project Folder 13 Update Part / M-Drawing / DSI / DEO Master Binders 14 Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) 15 Description / Action: STOCK CAN BE USE DELETE REV A				MD					M.	17.01.1
14 Update Product Development Summary (STC applications) 15 Update QSI (22) (TC/FAA STC) and/or STC Approval List N 16 Create/Update Parts / STC Database 17 Update / Verify Authorized Release Certificate Database N 18 Create / Update Change Record Form / Item Card Database N 19 Create / Update Packaging Process Plan (PPP) N 10 Update Controlled Supplier Documents (Qpulse) Database N 21 Update Controlled Supplier Documents (Qpulse) Database N 22 Update Grey Project Binder / Electronic Project Folder N 23 Update D-Part / M-Drawing / DSI / DEO Master Binders N 24 Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Description / Action: STOCK CAN BE USE DELETE REV A				MD					609	19 01 15
15 Update QSI 021 (TC/FAA STC) and/or STC Approval List 16 Create/Update Parts / STC Database 17 Update / Verify Authorized Release Certificate Database 18 Create / Update Change Record Form / Item Card Database 19 Create / Update Packaging Process Plan (PPP) 20 Red Decals required on Packaging Process Plan (PPP)? 21 Update Controlled Supplier Documents (Quiese) Database 22 Update Grey Project Binder / Electronic Project Folder 23 Update D-Part / M-Drawing / DSI / DEO Master Binders 24 Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) Description / Action: STOCK CAN BE USE DELETE REV A				- <u> </u>					Y 3/1.	7.07.7
17 Update / Verify Authorized Release Certificate Database N				1					/	7
17 Update / Verify Authorized Release Certificate Database N 18 Create / Update Change Record Form / Item Card Database N 19 Create / Update Packaging Process Plan (PPP) N 20 Red Decals required on Packaging Process Plan (PPP)? N 21 Update Controlled Supplier Documents (Qpulse) Database N 22 Update Grey Project Binder / Electronic Project Folder N 23 Update D-Part / M-Drawing / DSI / DEO Master Binders N 24 Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N 25 Description / Action: STOCK CAN BE USE DELETE REV A	16 Create/Update	e Parts / STC Database	AM	ma	auts	exist	(RBE+	Mcm#)	mr.	19.01.1
19 Create / Update Packaging Process Plan (PPP) N 20 Red Decals required on Packaging Process Plan (PPP)? N 21 Update Controlled Supplier Documents (Opulso Database N 22 Update Grey Project Binder / Electronic Project Folder 23 Update D-Part / M-Drawing / DSI / DEO Master Binders N 24 Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N 25 Description / Action: STOCK CAN BE USE DELETE REV A			N		7					
20 Red Decals required on Packaging Process Plan (PPP)? N 21 Update Controlled Supplier Documents (Qpulse) Database N 22 Update Grey Project Binder / Electronic Project Folder N 23 Update D-Part / M-Drawing / DSI / DEO Master Binders N 24 Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Description / Action: STOCK CAN BE USE DELETE REV A										
21 Update Controlled Supplier Documents (Qpulse) Database N Database N Update Grey Project Binder / Electronic Project Folder N Update D-Part / M-Drawing / DSI / DEO Master Binders N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update TRoyalty Paid to "Action: STOCK CAN BE USE DELETE REV A Update TROyalty Paid to "Action: Troyalty Pai								···		
22 Update Grey Project Binder / Electronic Project Folder 23 Update D-Part / M-Drawing / DSI / DEO Master Binders 24 Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) 25 Description / Action: STOCK CAN BE USE DELETE REV A										
23 Update D-Part / M-Drawing / DSI / DEO Master Binders N 24 Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Description / Action: STOCK CAN BE USE DELETE REV A				 	 					
24 Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Description / Action: STOCK CAN BE USE DELETE REV A W Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) N Update "Royalty Paid to" attribute (Parts				 					 	
Description / Action: STOCK CAN BE USE DELETE REV A M M M M M M M M M M M M M										
DELETE REV A M M M M M M M M M M M M M									l	
DELETE REV A M M M M M M M M M M M M M						***************************************				
W '	Description / Actio	n:								
W '	1	BE								
W '	DELETE KEV A	<u> </u>	í		1	m al	11			
W '				٨	W/	7.0L	(D			
W '			()	W	(
ECN Verified & Complete: Date:	·		N	(1)						
• • • • • • • • • • • • • • • • • • • •			-	ECN Vei	ified & Complete):		Date:		





Dart Aerospace Ltd. 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada

Tel (613) 632-5200 Fax 613 632-5246

Job Operations

Job No: 185440

Part No: **RBE105-14101W11** Job Qty: **5 ea**

Material:

Op No	Operation	Op Qty	Start Date		Center	Standard		Schedule		Actual						Job
						Setup Hrs	Run Hrs	Start Date	hrs	Status	Start Date	Completion Date	Setup Hrs	Run Hrs	Inv	Op
90	Start up Operation	5		11/16/18	Start Up Machining-4	0.00	0.00	11/16/18 12:00 AM	0.00	Completed	11/2/18 1:41 PM	11/2/18 1:46 PM	0.00	0.03		
120	Lathe Conv	5	3.5	11/16/18	Mill Conv 2	0.00	1.25	11/15/18 11:00 PM	1.25	Completed	11/2/18 1:43 PM	11/2/18 1:46 PM	0.00	1.27		
130	QC	5		11/16/18	QC2 Machining-5	0.00	0.00	11/16/18 12:00 AM	0.00	Completed	11/2/18 1:44 PM	11/2/18 1:46 PM	0.00	52.58	5	
140	QC	5		11/16/18	QC8 Machining-5	0.00	0.00	11/16/18 12:00 AM	0.00	New			0.00	0.00		
150	Small Fab	5		11/16/18	Small Fab-6	0.00	0.63	11/16/18 12:00 AM	0.63	New			0.00	0.00	-	
155	Conventional Mill - 1 - B4B	5		11/16/18	Conventional Mill - 1 - B4B	0.00	0.00	11/15/18 11:00 PM	1.25	New			0.00	0.00		
156	QC 2	5		11/16/18		0.00	0.00			New			0.00	0.00		
160	QC 8	5		11/16/18	QC5	0.00	0.00	11/16/18 12:00 AM	0.00	New			0.00	0.00	1	
170	Packaging	5		11/16/18	Packaging3-2	0.00	0.00	11/16/18 12:00 AM	0.00	New			0.00	0.00		
180	QC21-SA	5	15 51 5 6 5 76 15 7 7 7 7 8	11/16/18	QC21	0.00	0.00	11/16/18 12:00 AM	0.00	New			0.00	0.00	ayaasan e	martine